

SAFETY DATA SHEET

1. Identification of the substance/mixture and of the company

1.1 Product identifier

**Product Name: GrandSlam[®]
Type Q Subaqueous Pipe Joint Lubricant
(Winter Grade)**

Product ID numbers: GWQ-35, GWQ-128, GWQ-448, GWQ-640

1.2 Relevant identified uses of the mixture and uses advised against

Identified uses: Pipe joint lubrication.

List of advices against: Not applicable.

1.3 Details of the supplier of the safety data sheet

Supplier/Manufacturer:

American Polywater Corporation
11222 - 60th Street North
Stillwater, MN 55082 USA
Tel: 1-651-430-2270
Email: sds@polywater.com

Polywater Europe BV
Zuidhaven 9-11 Unit B2
4761 CR Zevenbergen
Netherlands
Tel: +31 (0)10 2330578
Email: sds@polywater.com

1.4 Emergency telephone numbers

INFOTRAC 1-352-323-3500 (USA)

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to OSHA 29 CFR 1910.1200 and Regulation (EC) No 1272/2008.

Acute Tox 4 (oral) H302

Acute Tox. 4 (Inhalation) H332

STOT SE1 H370

2.2 Label elements

Contains: Methanol



Pictograms:

Signal Word: Danger.

Hazard Statements:

H302 Harmful if swallowed.

H332 Harmful if inhaled.

H370 Causes damage to kidneys, heart, central nervous system, liver and eyes.

Precautionary Statements:

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use outdoors or in a well-ventilated area.

P301 + P312 IF SWALLOWED: Call for medical attention if you feel unwell.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P403 +P233

Store in a well-ventilated place. Keep cool.

2.3 Other hazards:

No information available.

3. Composition/Information on Ingredients

<u>Component</u>	<u>CAS #</u>	<u>EC #</u>	<u>Wt %</u>	<u>GHS/CLP Classification</u>
Methanol	67-56-1	200-659-6	<10	Acute Tox 4 (oral) H302 Acute Tox. 4 (Inhalation) H332 STOT SE1 H370

This product contains no other reportable hazardous components under OSHA 29 CFR 1910.1200 and European Regulation (EC) No 1272/2008.

4. First Aid Measures

4.1 Description of first aid measures

- Eye Contact:** Flush eyes with a large quantity of water for 15 minutes. If irritation continues, seek medical attention.
- Skin Contact:** If skin becomes irritated, wash area thoroughly with soap and water. If irritation continues, seek medical attention.
- Inhalation (Breathing):** Remove to fresh air. Seek medical attention.
- Ingestion (Swallowing):** If swallowed, get immediate medical attention. Induce vomiting unless told not to do so by medical personnel. Do not give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Aside from information above, no additional symptoms and effects are anticipated.

4.3 Indication of immediate medical attention and special treatment needed.

No information available.

5. Firefighting Measures

5.1 Extinguishing media:

Water fog, foam, CO₂, dry chemical.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition and by-products:

High temperature steam; potentially carbon monoxide and carbon dioxide; paraffin wax fumes; formaldehyde.

5.3 Advice for firefighters

Sealed container can build up pressure when exposed to high heat. Cool containers with water.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

Lubricant is extremely slippery. It should be washed, swept, or squeegeed from floor using wet mops.

6.2 Environmental precautions:

Outside, spills should be covered with sand, dirt, gravel or calcium chloride.

6.3 Methods materials for containment and cleaning up:

Oxidizing agents, such as household bleach, can be used to eliminate the slippery character.

6.4 Reference to other sections:

Refer to Sections 4, 5, 8, and 13 for more information.

7. Handling and Storage

7.1 Precautions for safe handling

Avoid spills and clean them up immediately when they occur. Product is very slippery. For industrial or professional use only.

7.2 Conditions for safe storage, including incompatibilities

Keep product containers closed when not in use.

7.3 Specific end uses

See product flyer for further information.

8. Exposure Controls / Personal Protection

8.1 Control parameters

Exposure limits and recommendations:

None

8.2 Exposure controls

Respiratory protection:

Normal ventilation is adequate.

Protective gloves:

For repeated or prolonged skin contact, the use of impermeable gloves is recommended to prevent drying and possible irritation.

Eye protection:

Safety glasses recommended.

9. Physical and Chemical

9.1 Information of basic physical and chemical properties

Appearance:	Opaque, cream to light-green gel.
Odor threshold:	Not Available
pH:	6.0 to 7.0
Freezing point:	18°F (-8°C)
Boiling point:	Not available
Flash point:	None to boiling (PMCC)
Evaporation rate:	Not available
Flammability (solid, gas):	Product is not flammable
Upper/lower flammability or explosive limits:	Does not apply
Vapor pressure:	Not available
Vapor density (Air = 1):	>1
Specific gravity (H₂O = 1):	0.97
Solubility in water:	Disperses
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	>80,000 cps. @ 10 rpm.

9.2 Other Information

Volatiles (Weight %): > 80%

VOC Content: 97 g/l

10. Stability and Reactivity

10.1 Reactivity:

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability:

Stable

10.3 Possibility of hazardous reactions:

None known.

10.4 Conditions to avoid:

None known.

10.5 Incompatible materials :

Avoid materials that react with water.

10.6 Hazardous decomposition products:

Carbon dioxide, carbon monoxide.

11. Toxicological Information

11.1 Information on toxicological effects:

Acute toxicity

Eye contact:

Direct eye contact may cause eye irritation.

Skin contact:

Methanol may be absorbed through intact skin to produce systemic effect.

Irritation and Sensitization Potential:

This product may irritate skin. It is not a sensitizer.

Inhalation (Breathing):

Prolonged, repeated exposure or breathing high concentrations of methanol vapors may cause headache, nausea, vomiting, dizziness, visual disturbances, unconsciousness, and death. Toxic effects are exerted on the central nervous system, especially the optic nerve.

Ingestion:

Material contains less than 10% (by weight) methanol. Swallowing 100-250 ml of straight methanol can be fatal. Swallowing lesser quantities can cause blindness, dizziness, headaches, or nausea. Toxic effects are exerted on the central nervous system, especially the optic nerve.

Toxicity to Animals

Methanol: LD₅₀ (oral rat) 5628 mg/kg
LD₅₀ (dermal rabbit) 15800 mg/kg
LC₅₀ (inhl rat) 6400 ppm, 4hr

Aspiration hazard

Not an aspiration hazard.

Chronic Exposure:

Reproductive Toxicity: Not Available

Mutagenicity: Not Available

Teratogenicity: Not Available

Toxicologically Synergistic Products: Not Available

Carcinogenic Status: This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC, or OSHA, nor have any of its components.

12. Ecological Information

- 12.1 Ecotoxicity: No information available.
- 12.2 Persistence and degradability: Expected to be biodegradable.
- 12.3 Bioaccumulation potential: No information available
- 12.4 Mobility in soil: No information available.
- 12.5 Results of PBT and vPvB Assessment: This product is not, nor does it contain a substance that is a PBT or vPvB.
- 12.6 Other adverse effects: None known.

13. Disposal Considerations

Dispose of product in accordance with National and Local Regulations.

14. Transport Information

- UN Number: Not Listed
- UN Proper shipping name: Not Applicable
- Transport hazard class(es): Not Applicable
- Packing group: Not Applicable
- Environmental hazards: None known
- Special precautions: None known
- TDG: Not Regulated
- ICAO/IATA-DGR: Not Regulated
- IMDG: Not Regulated
- ADR/RID: Not Regulated

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

USA Federal and State

All components are listed on the TSCA inventory.

Hazard Categories for SARA Section 311/312 Reporting	<u>Acute</u> Yes	<u>Chronic</u> No	<u>Fire</u> No	<u>Pressure</u> No	<u>Reactive</u> No
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	CERCLA/SARA Sec 302		SARA Sec. 313
<u>Components</u>	<u>Hazardous Substance RQ</u>	<u>EHS TPQ</u>	<u>Toxic Release</u>
Methanol	Yes (5,000 lbs)	No	Yes (1%)

NFPA Ratings:	Health:	1
	Fire:	0
	Reactivity:	0

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel during spill, fire or similar emergencies. Hazard ratings are based on physical and toxic properties of combustion or decomposition.

European Union

All components are listed on the European Inventory of Existing Chemical Substances (EINECS). Product complies with the communication requirements of REACH Regulation (EC) No. 1907/2006. It does not contain Substances of Very High Concern (SVHC).

Canada

All components are listed on the DSL inventory.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

WHMIS Classification: NC

Australia

All components are listed on the AICS.

Considered hazardous according to criteria of NOHSC Australia.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out for the mixture by the supplier.

16. Other Information

Abbreviations and acronyms:

OSHA = Occupational Safety and Health Administration

CLP = Classification, Labeling and Packaging Regulation

STOT = Specific Target Organ Toxicity

LD₅₀ = Median Lethal Dose

DNEL = Derived No Effect Level

ACGIH = American Conference of Governmental Industrial Hygienists

TSCA = Toxic Substances Control Act (USA)

DSL = Domestic Substances List (Canada)

AICS = Australian Inventory of Chemical Substances

Hazard Statements:

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H332 Harmful if inhaled.

H370 Causes damage to kidneys, heart, central nervous system, liver and eyes.

Revision Date: January 2, 2015

Revision Number: 5

Supersedes: November 25, 2014

Other: Not Applicable

Indication of Changes: Section 1, 2, 15, 16 updated. Addition of acronyms and other formatting changes. Updated in accordance with the provisions of OSHA 1910.1200 App D and REACH Annex II (EU No 453/2010). (GHS format)

The information and recommendations contained herein are believed to be reliable. However, the supplier makes no warranties, express or implied, concerning the use of this product. The buyer must determine conditions of safe usage and assumes all risk and liability in handling this product.